ABSTRACT

A system and methods for auctioning consumer demand to suppliers comprising: a request adapter for receiving a first data set in a first protocol, converting the first data set to a second data set in a second intermediate protocol and then, converting the second data set to a third data set in a third protocol; a request preprocessor for receiving the third data set from the request adapter and filtering the third data set; a virtual group processor for receiving the third data set, which has been filtered by the request preprocessor and not rejected, and creating at least one group, including the third data set and other data sets in the third protocol; and a dynamic packaging orchestrator and continuous shopping engine for managing the at least one group, shopping for bids on at least one product represented in the at least one group, and booking the at least one product based on the received bids.